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Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/832,540	<b>Applicant(s)</b> LAZAR, AVRAHAM	
	<b>Examiner</b> Yvette Pearson	<b>Art Unit</b> 2144	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 11 April 2001.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1 - 59 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 - 59 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. _____  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

1. **Claims 1- 59 are presented for examination in the application.**

**Acknowledgement is made of the Information Disclosure document filed April 11, 2001.**

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1 - 3, 11 – 30, 32, 33, 38, 39 and 41 – 48 are rejected under 35 U.S.C. 102(e) as being anticipated by Hajmiragha (US 6,289,460).

4. As per Claims 1, 14 and 28, Hajmiragha teaches a method to remotely archive documents comprising the ability to transmit personal documents ([Electronic Filing component] Column 4, Lines 59 – 61; Figure 2, #96), wherein the documents are automatically indexed by the Document Content Indexing component (Column 4, Lines 61 – 63; Figure 2, #88), and stored at remote storage facilities (Column 2, Lines 51 – 55; Column 3, Lines 25 – 28; Figure 1, #28.)

5. As per Claim 2, Hajmiragha teaches the invention as claimed wherein the Document Manager (Figure 2, #21) provides *remote* secure document archiving (Column 2, Lines 51 – 55) such that the Document Content Index component (Figure 2, #88) allows same session *index word transmission* by the Electronic Filing Component ([automatically indexes documents as they are being archived] Column 4, Lines 61 – 63, Figure 2, #96.)
6. As per Claim 3, Hajmiragha teaches the invention as claimed, wherein an index word is transmitted to a remote location in a different session than received document such that Publication Schedule Manager (Figure 2, #106) allows users to extract a copy of a document by utilizing content indexing to scan and view subject matter of archived files (Column 6, Lines 9 – 18.)
7. As per Claims 11 and 15, Hajmiragha teaches the invention as claimed wherein the Document Manager (Figure 1, #21) allows searching against the content of a document with an indexed word associated with said file (Column 10 Lines 18 – 22.)
8. As per Claim 16, Hajmiragha teaches the invention as claimed wherein the Document Manager (Figure 1, #21) provides document collaboration such to associate said file with said index word. (Column 2, Lines 60 – 65.)
9. As per Claims 12 and 17, Hajmiragha teaches the invention as claimed wherein the Document Manager (Figure 1, #21) provides a keyword identification searching technique to associate received index word with said files (Column 10, Lines 16 – 22.)

10. As per Claim 13, Hajmiragha teaches the invention as claimed wherein the Document Manager (Figure 1, #21) allows a manual keying searching technique to associate received index word with said document (Column 10, Lines 16 – 22.)

11. As per Claim 18, Hajmiragha teaches the invention as claimed wherein the Document Manager (Figure 1, #21) provides users assistance by searching against the content of a document with an indexed word associated with said file, such that the document manager provides an interface grouping of documents accessible by the user whenever the user clicks on a displayed TO-DO list User interface button. User selection of an item in the to-do list displays the corresponding document list and the required action associated with that document (Column 6, Lines 50 – 56.)

12. As per Claims 19, 26 and 38, Hajmiragha teaches a method to retrieve remotely archived documents wherein the Document Manager (Figure 2, #21) provides the searching of archived files with an indexed word associated to said file (Column 10 Lines 18 – 22), thereby retrieving said files to transmit to external system ([Publication Schedule Management component] Column 5, Lines 61 – 64; Column 6, Lines 24 – 29; Figure 2, #106.)

13. As per Claim 20, Hajmiragha teaches the invention as claimed wherein the Document Manager (Figure 1, #21) allows the searching of archived files with an indexed word associated to said file (Column 10 Lines 18 – 22) then outputting document ([Publication Schedule Management component] Column 5, Lines 61 – 64; Figure 2, #106.)

14. As per Claim 21, Hajmiragha teaches the invention as claimed wherein the archived file to be outputted can be displayed using a browser-based interface (Column 6, Lines 9 – 15.)

15. As per Claim 22, Hajmiragha teaches the invention as claimed wherein the received file can be outputted as an audio output ([output format can be chosen from a number of different file formats] Column 5, Lines 61 – 67.)

16. As per Claim 23, Hajmiragha teaches the invention as claimed wherein the Document Manager (Figure 1, #21) provides searching against the content of a document with an indexed word associated with said receiving file (Column 10, Lines 18 – 22.)

As per Claim 24, Hajmiragha teaches the invention as claimed wherein the document manager, which is coupled to a plurality of clients utilizing web browsers, performs remote document collaboration (Column 2, Lines 57 – 65; Figure 2, #22.)

17. As per Claim 25, Hajmiragha teaches the invention as claimed wherein the Document Manager provides a text file of document correspondence, which includes text entry information (Column 10, Lines 5 – 11.)

18. As per Claim 27, Hajmiragha teaches the invention as claimed wherein the Document Manager (Figure 2, #21) provides user assistance by searching against the content of a document with an indexed word associated with said file, such that the document manager provides an interface grouping of documents accessible by the user whenever the user clicks on a displayed TO-DO list User interface button. User

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selection of an item in the to-do list displays the corresponding document list and the required action associated with that document (Column 6, Lines 50 – 56.)

19. As per Claims 29 and 39, Hajmiragha teaches the invention as claimed wherein said system ([Document Manager] Figure 1, #21) is coupled to the Internet (Figure 1, #24.)

20. As per Claim 30, Hajmiragha teaches the invention as claimed wherein said system ([Document Manager] Figure 2, #21) receives said files from fax gateway ([facsimile transmission] Column 4, Lines 59 – 65.)

21. As per Claim 32, Hajmiragha teaches a system ([Document Manager] Figure 2, #21) to remotely archive documents comprising the ability to transmit personal documents ([Electronic Filing component] Column 4, Lines 59 – 61; Figure 2, #96), wherein the documents are automatically indexed by the Document Content Indexing component (Column 4, Lines 61 – 63; Figure 2, #88), and coupled to said communication interface ([coupled to a plurality of clients over a public or private network] Column 2, Lines 57 – 6; Figure 2, #22 and 24.)

22. As per Claim 33, Hajmiragha teaches the invention as claimed wherein said devices include a display and pointing device providing data entry capabilities ([a user interface with interactive displayed windows] Column 4, Lines 12 – 14.)

23. As per Claim 41, Hajmiragha teaches the invention as claimed wherein said system ([Document Manager] Figure 1, #21) receives said files from fax gateway ([facsimile transmission] Column 4, Lines 59 – 65.)

24. As per Claim 42, Hajmiragha teaches a method to retrieve remotely archived documents comprising a Document Manager device (Figure 1, #21) communicatively coupled to a plurality of clients (Figure 1, #22) over a communication interface ([Internet] (Figure 1, #24), wherein the Document Manager allows searching archived files with an indexed word associated to said file (Column 10 Lines 18 – 22.)

25. As per Claim 43, Hajmiragha teaches the invention as claimed wherein the Document Manager device (Figure 2, #21) is coupled to a plurality of clients utilizing web-enabled devices ([User Web Browsers] Figure 2, #22) to perform remote document collaboration (Column 2, Lines 57 – 65; Figure 2, #22.)

26. As per Claim 44, Hajmiragha teaches the invention as claimed comprising an output device to receive said file for outputting ([Publication Schedule Management component] Column 5, Lines 61 – 64; Figure 2, #106.)

27. As per Claim 45, Hajmiragha teaches the invention as claimed wherein outputting said file by at least one output device includes an internet appliance ([browser-based interface] Column 5, Lines 61 – 64; Column 6, Lines 9 –15; Figure 2, #22.)

28. As per Claim 46, Hajmiragha teaches the invention as claimed wherein the internet appliance ([User Browser] Figure 2, #22) of the client (Figure 1, #22) is directly coupled to the communication interface ([internet] Figure 1, #24.)

29. As per Claim 47, Hajmiragha teaches the invention as claimed wherein the output component ([Publication Scheduler] Figure 2, #106) is coupled to another output



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device (auxiliary printer used to generate paper copy) providing user access through a communication interface ([browser-based interface] Column 6, Lines 9 – 15;

Figure 2, #22.)

30. As per Claim 48, Hajmiragha teaches the invention as claimed wherein an output device such as a personal computer (user interface device) can be used to display windows for viewing documents (Column 5, Lines 21 – 26.)

31. Thus, Hajmiragha discloses all limitations of the rejected claims and therefore anticipates the subject matter of Claims 1 - 3, 11 – 30, 32, 33, 38, 39 and 41 – 48.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

32. Claims 4 – 10, 31, 34 – 37, 40 and 53 - 59 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hajmiragha (US 6,289,460) in view of Nybo et al (US 2001/0052933).

33. With respect to Claim 4, Hajmiragha discloses a method to remotely archive documents comprising the ability to transmit personal documents ([Electronic Filing

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component] Column 4, Lines 59 – 61; Figure 2, #96), wherein the documents are automatically indexed by the Document Content Indexing component (Column 4, Lines 61 – 63; Figure 2, #88), and stored at remote storage facilities (Column 2, Lines 51 – 55; Column 3, Lines 25 – 28; Figure 1, #28), but fails to specifically teach a method wherein the received file is an image file of said document. However, Nybo discloses a similar method for archiving received data files wherein the files are created from image data and stored in a database for retrieving images later from a local or remote location (Page 1, ¶ 9). Additionally, Nybo teaches a system wherein archived files may be generated from scanned documents (Page 7, ¶ 79), downloaded from the world wide web (Page 5, ¶ 54) or stored on devices connected to the Internet to allow diverse computers to exchange information (Page 5, ¶ 55; Figure 4.)

Therefore, it would have been obvious to one having ordinary skill in the art having the teachings of Hajmiragha and Nybo before one at the time of the invention to teach Hajmiragha's method of performing integrated file management for document capture, and to include image data because Nybo's invention would expand the facility of a distributed-based data management system in managing broader types of data (Page 1, ¶ 2.) The combination would teach an opened data management system to accommodate greater utilization of network-based systems.

34. With respect to Claims 5 - 9, the combination of Hajmiragha and Nybo discloses the system wherein an image file is generated from scanning a data file, downloading data file from a web site or transmitting data file from web site to remote storage location. Therefore, the claims are rejected for the same reasons as above.

35. With respect to Claims 10, 31 and 40, Hajmiragha discloses the Document Management System as claimed above (Figure 1, #20), but fails to specifically teach a method wherein the received file is a voice file of said document. However, Nybo discloses a similar method for archiving received image data wherein the voice gateway ([Input Module] Figure 1, #110) may receive digital and analog data (Figure 1, #114) from the Video Signal Generator (Figure 1, #112). Nybo further discloses that the Input Module may be further configured to accept image data in a variety of protocols used to transmit in those formats (Page 3, ¶ 30.)

Therefore, it would have been obvious to one having ordinary skill in the art having the teachings of Hajmiragha and Nybo before one at the time of the invention to teach a method of voice capture, because Nybo's invention would expand the functionality of said Document Management System whereby the stored digital files could include embedded voice data. The combination would teach a more robust system for the dynamic capture, storage and retrieval of networked data (Page 3, ¶ 35.)

36. With respect to Claim 34, Hajmiragha teaches a system ([Document Manager] Figure 2, #21) to remotely archive documents comprising the ability to transmit personal documents ([Electronic Filing component] Column 4, Lines 59 – 61; Figure 2, #96), wherein the documents are automatically indexed by the Document Content Indexing component (Column 4, Lines 61 – 63; Figure 2, #88), and coupled to said communication interface ([coupled to a plurality of clients over a public or private network] Column 2, Lines 57 – 6; Figure 2, #22 and 24), but fails to specifically teach a

system wherein the received document is an image file from scanner device. However, Nybo discloses a similar system for archiving *image files* received from said scanner device (Page 7, ¶ 79). Nybo further teaches a system for archiving scanned documents wherein a controller is used to *perform all the control functions as well as the processing that is taking place at the user's site* ([user computer system] (Page 7, ¶ 74; Figure 4, #402) to include said scanner ([input Device] Figure 4, # 418.) Nybo continues to disclose a system for archiving files created from scanned image data wherein the scanner is a peripheral (Figure 4, #432) coupled to a communication interface ([Internet] Page 7, ¶ 79; Figure 4, #210) such that a wireless device may also be coupled to the communication interface ([plurality of devices] Page 5, ¶ 51 and ¶ 54; Figures 2 and 4.)

Therefore, it would have been obvious to one having ordinary skill in the art having the teachings of Hajmiragha and Nybo before one at the time of the invention to teach a Document Management System that receives image files transmitted by scanner peripherals, because Nybo's invention expands the input-accessibility of a networked-based data management system which can be used by a variety of image capturing devices (Page 1, ¶ 8.) The combination would teach an opened data management system to accommodate greater utilization of the internet.

37. With respect to Claims 35 - 37, the combination of Hajmiragha and Nybo discloses the system wherein an image file is generated from a scanning device of a controlled unit, in addition to identifying such scanner and at least one other device to

be coupled to said communication interface. Therefore, the claims are rejected for the same reasons as above.

38. With respect to Claim 53, Hajmiragha teaches an apparatus to remotely archive *documents* comprising the ability to perform control functions through a controller ([Document Manager] Column 2, Lines 60 – 65; Figure 1, #21) but fails to teach a scanner module coupled to said controller. However, Nybo teaches an apparatus to remotely archive *image files* comprising a controller ([user computer system] (Page 7, ¶ 74; Figure 4, #402), wherein the controller is coupled to a scanner module ([Peripheral] Page 7, ¶ 79; Figure 4, # 432.) Nybo further teaches the invention as claimed comprising said controller coupled to a communication module ([router] Page 7, ¶ 78; Figure 4, #428); an audio processing module ([radio frequency device] Page 7, ¶ 76); a display module ([user interface] Page 7, ¶ 74; Figure 4, #140); an input module ([Input Device] Page 7, ¶ 74; Figure 4, #418); an output module ([Output Device] Page 7, ¶ 74; Figure 4, #420); and a hard copy interface ([Peripheral/printer] Page 7, ¶ 79; Figure 4, #432.)

Therefore, it would have been obvious to one having ordinary skill in the art having the teachings of Hajmiragha and Nybo before one at the time of the invention to teach the apparatus of Hajmiragha for remotely archiving scanned documents with the teachings of Nybo whereby the receiving document is a scanned document. Whereas Hajmiragha's system provides a method such that the Electronic Filing component (Figure 2, #96) presently allows users to electronically archive files or documents, the

combination would integrate a scanning component to facilitate the transmission of scanned documents (Column 4, Lines 59 – 61), the teaching of the combination would substantiate a more integrated document management system with enhanced accessibility (Column 2, Lines 25 – 31.)

39. With respect to Claims 54 - 59, the combination of Hajmiragha and Nybo discloses the system wherein the controller of Hajmiragha's method ([Document Manager] Figure 2, #21) is coupled to various peripheral modules for receiving documents to the remote archiving system. Therefore, the claims are rejected for the same reasons as above.

40. Claims 49 - 52 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hajmiragha (US 6,289,460).

41. With respect to Claim 49, Hajmiragha teaches a method to remotely archive files to individual users comprising a remote archiving service for user registration ([User Registration and Security component] Column 3, Lines 55 – 59; Figure 2, #98), whereby users perform remote archiving services (Column 2, Lines 51 – 55; Figure 1, #22) such that users are billed based on user's billing preferences ([Accounting and Billing component] Column 10, Lines 29 – 32, Lines 44 – 50; Figure 2, #100.) However, Hajmiragha does not specifically identify the method of the remote archiving service as being hosted by an application service provider (ASP). Nonetheless, one of ordinary skill in the art would recognize that an ASP is a third party entity that hosts applications or services for individual customers/businesses via the Internet; such that Hajmiragha

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does reference other third-party document management systems that service client-based scenarios ([JusticeLink® and WestFile®] Column 1, Lines 44 – 48; [Xerox®] Column 1, Lines 64 – 65) with the intentions of improving upon such methods (Column 2, Lines 25 – 31.) Therefore, it would have been obvious to one having ordinary skill in the art having the teachings of Hajmiragha before one at the time of the invention to specifically identify Hajmiragha's document management method with an Application Service Provider as it addresses the inherent characteristics of such client-server systems.

42. With respect to Claims 50 - 52, Hajmiragha discloses the system wherein the Accounting and Billing component fulfills account-billing requirements according to user's preferences. Therefore, the claims are rejected for the same reasons as above.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yvette Pearson whose telephone number is 571-272-4227. The examiner can normally be reached on 9:00am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bill Cuchlinski can be reached on 571-272-3925. The fax phone number for the organization where this application or proceeding is assigned is 571-273-4227.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Yvette Pearson

Examiner

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